Performance and Visibility

Allen-Bradley

FactoryTalk® View Machine Edition

Installation Guide

Allen-Bradley • Rockwell Software

Rockwell Automation

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This manual describes the following:

- FactoryTalk View ME (Machine Edition) Product and System
- tasks to be performed on a system before installation
- detailed installation steps
- how to use FactoryTalk Activation Manager to license the installed product
- tasks for deploying applications
- how to upgrade an existing system

The contents of this Installation Guide appear in the order you would use during installation on new or existing systems:

- FactoryTalk View Machine Edition basics on page 11 describes the software components and layout of the FactoryTalk View ME system.
- Install, activate, and uninstall FactoryTalk View on a personal computer on page 17 walks you through the screens you will see during a complete installation.
- Run FactoryTalk View ME on PanelView Plus Terminals on page 47 includes information on installing and running applications on Rockwell Automation terminals.
- Run FactoryTalk View ME Station on a personal computer on page 53 describes installing and running the application on computers.

About the FactoryTalk View documentation

In addition to the *FactoryTalk View Installation Guides*, the FactoryTalk View documentation set includes:

- **FactoryTalk View Machine Edition User's Guide** contains comprehensive information about designing and developing FactoryTalk View ME applications.

  The User's Guide is available in PDF format, from the **Help** menu in FactoryTalk View Studio, on the installation DVD containing the Setup Wizard, and from the Rockwell Automation Literature Library.

- **PanelView Plus Terminals User Manual** includes information about installing, configuring, and programming a full range of terminals compatible with FactoryTalk View Machine Edition.
- **Release Notes** . Read the Release Notes before you begin installing or working with FactoryTalk View and supporting software.

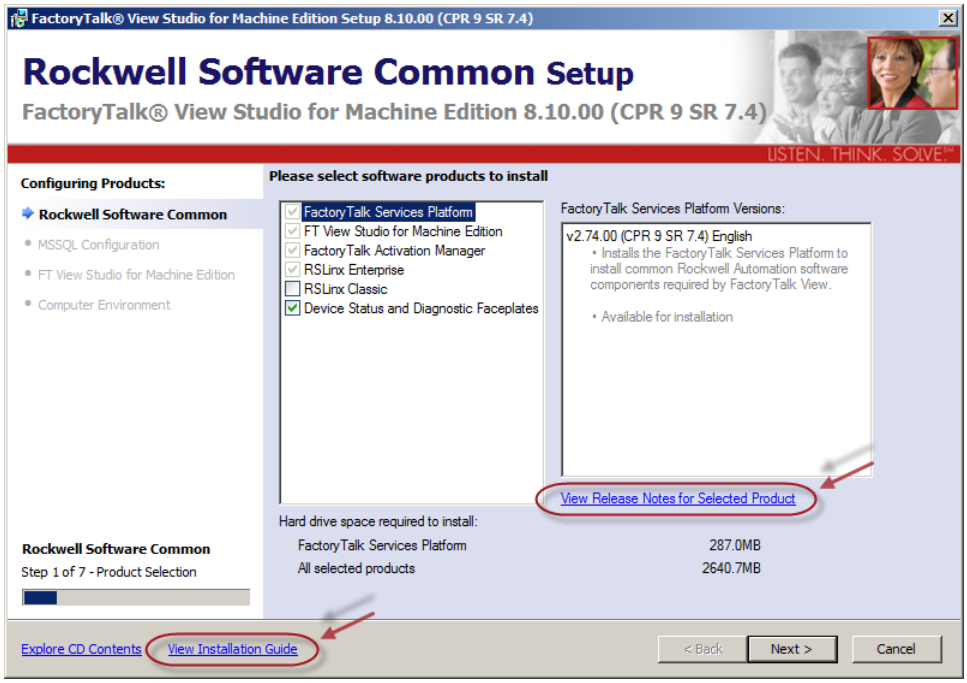
  Release Notes for FactoryTalk View ME, FactoryTalk Services Platform, RSLinx Enterprise, and RSLinx Classic are available from the FactoryTalk View installation DVD.

- **Online Help.** Online procedures and reference information are available from the **Help** menu in FactoryTalk View ME Studio, and from editors and dialog boxes used to develop FactoryTalk View ME applications.

Find information in the FactoryTalk View Installation

Most of the dialog boxes during the installation include the selection **View Installation Guide**. Clicking **View Installation Guide** opens the Installation Guide PDF file.

You can also open the application release notes that contains the latest information about updates and program features. On this screen, select an item in the **Please select software products to install** box, then click **View Release Notes for Selected Product**.


FactoryTalk® View Studio for Machine Edition Setup 8.10.00 (CPR 9 SR 7.4)
Rockwell Software Common Setup
FactoryTalk® View Studio for Machine Edition 8.10.00 (CPR 9 SR 7.4)
LISTEN. THINK. SOLVE.
Configuring Products:
Rockwell Software Common
MSSQL Configuration
FT View Studio for Machine Edition
Computer Environment
Please select software products to install
FactoryTalk Services Platform
FT View Studio for Machine Edition
FactoryTalk Activation Manager
RSLinx Enterprise
RSLinx Classic
Device Status and Diagnostic Faceplates
FactoryTalk Services Platform Versions:
v2.74.00 (CPR 9 SR 7.4) English
• Installs the FactoryTalk Services Platform to install common Rockwell Automation software components required by FactoryTalk View.
• Available for installation
View Release Notes for Selected Product
Hard drive space required to install:
FactoryTalk Services Platform 287.0MB
All selected products 2640.7MB
Rockwell Software Common
Step 1 of 7 - Product Selection
Explore CD Contents
View Installation Guide
< Back
Next >
Cancel

Where you can find this manual

The Installation Guide is available in PDF format from the FactoryTalk View installation DVD, from the **Help** menu in FactoryTalk View Studio, and from the Rockwell Automation Literature Library.

Tip: In the Literature Library, to find the current version of the Installation Guide and the User's Guide, search for Publication Numbers containing the string *VIEWME*.

Other Documents

Document	Description
MobileView Tethered Operator Terminal User Manual Publication 2711T-UM001	Provides detailed information of how to install and operate the MobileView Tethered Operator terminal.
PanelView Plus Terminals User Manual Publication 2711P-UM007	Describes the tasks to install, configure, and use FactoryTalk View ME on PanelView Plus 7 terminals.
PanelView Plus Terminals User Manual Publication 2711P-UM006	Describes the tasks to install, configure, and use FactoryTalk View ME on PanelView Plus 6 terminals.
PanelView Plus Terminals User Manual Publication 2711P-UM001	Describes the tasks to install, configure, and use FactoryTalk View ME on PanelView Plus, and PanelView CE terminals.
Activation Instructions Publication FTA-QS002	Get and install activations for all the computers in your system.

Open the FactoryTalk View online manuals

The FactoryTalk View Machine Edition User's Guide, Installation Guide, and the Release Notes are available online, while you are working in FactoryTalk View Studio for Machine Edition.

To open the online manuals

1. Open FactoryTalk View Studio for Machine Edition.
2. From the **Help** menu, select **Online Books,** and then select the manual you want to open.

   Tip: During installation, Adobe Reader can be installed on the computer so you can view online manuals. For information about using Adobe Reader, see the product documentation.

Legal Notices

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End User License Agreement (EULA)

You can view the Rockwell Automation End-User License Agreement ("EULA") by opening the License.rtf file located in your product's install folder on your hard drive.

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Warranty

This product is warranted in accordance with the product license. The product's performance may be affected by system configuration, the application being performed, operator control, maintenance, and other related factors. Rockwell Automation is not responsible for these intervening factors. The instructions in this document do not cover all the details or variations in the equipment, procedure, or process described, nor do they provide directions for meeting every possible contingency during installation, operation, or maintenance. This product's implementation may vary among users.

This document is current as of the time of release of the product; however, the accompanying software may have changed since the release. Rockwell Automation, Inc. reserves the right to change any information contained in this document or the software at any time without prior notice. It is your responsibility to obtain the most current information available from Rockwell when installing or using this product.

Environmental compliance

Rockwell Automation maintains current product environmental information on its website at
http://www.rockwellautomation.com/rockwellautomation/about-us/sustainability-ethics/product-environmental-compliance.page
http://www.rockwellautomation.com/rockwellautomation/about-us/sustainability-ethics/product-environmental-compliance.page

Contact Rockwell

Customer Support Telephone — 1.440.646.3434
Online Support — http://www.rockwellautomation.com/support/
http://www.rockwellautomation.com/support/

FactoryTalk View Machine Edition system basics

FactoryTalk View, including FactoryTalk View Machine Edition Station and FactoryTalk View Studio ME, are HMI (human-machine interface) software products designed with a common look, feel, and navigation to help speed HMI application development and training time.

Supporting the Rockwell Automation Integrated Architecture, FactoryTalk View is part of the scalable and unified suite of monitoring and control solutions designed to span stand-alone machine-level applications up through supervisory-level HMI applications across a network. This suite offers you a common development environment, application reuse, and architecture so you can increase productivity, reduce operation costs, and improve quality.

FactoryTalk View includes the PC-based development tool FactoryTalk View Studio for Machine Edition as well as FactoryTalk View Machine Edition Station for Windows and FactoryTalk View Site Edition.

What is FactoryTalk View Machine Edition?

FactoryTalk View Machine Edition (also called FactoryTalk View ME) is a machine-level HMI software product for machines and small processes. FactoryTalk View Machine Edition allows for a consistent operator interface across multiple platforms, including PanelView Plus terminals, and Windows desktop solutions.

FactoryTalk View Studio ME provides all the tools you need to create powerful, dependable process monitoring including component-based architecture, single-tag creation, and connectivity applications.

The FactoryTalk View software

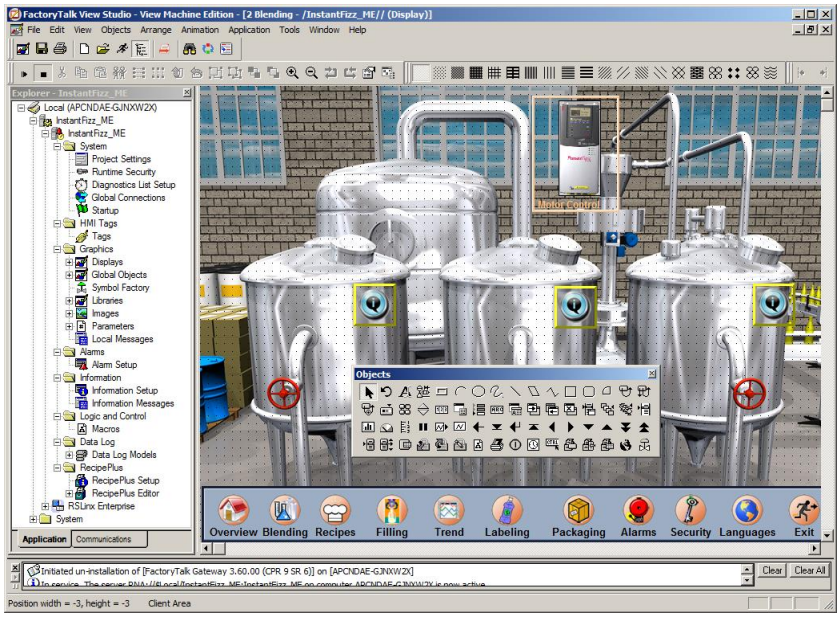
FactoryTalk View Machine Edition is an integrated software package for developing and running HMI applications on personal computers and PanelView Plus terminals.

A FactoryTalk View ME System is more than the HMI terminals. It also includes the FactoryTalk Services Platform and Data Communication products such as RSLinx Enterprise and RSLinx Classic.

FactoryTalk View Studio for Machine Edition

FactoryTalk View Studio for ME (Machine Edition) is the configuration software for developing and testing FactoryTalk View ME HMI applications. FactoryTalk View Studio ME contains editors for creating complete

applications, and includes software for testing the applications you create. Use the editors to create applications that are as simple or as complex as you need.



FactoryTalk View Machine Edition Station for Windows

A FactoryTalk View ME system is a traditional stand-alone HMI solution that packages a server for use on a PanelView Plus 7, PanelView Plus 6, PanelView Plus, PanelView Plus Compact, or PanelView Plus CE terminal. Rockwell Automation Industrial Computers, or other industrial computer running a supporting Microsoft Windows operation system. See Personal computer system requirements on page 53.

FactoryTalk Services Platform

The FactoryTalk Services Platform provides a set of common services (such as diagnostic messages, health monitoring services, and access to real-time data) for all the FactoryTalk products and applications used in a control system.

FactoryTalk Services Platform is installed automatically.

FactoryTalk Administration Console

FactoryTalk Administration Console is a stand-alone tool for developing, managing, and securing multiple applications.

FactoryTalk Live Data

FactoryTalk Live Data manages connections between FactoryTalk products and data servers.

For information about data communications in FactoryTalk View ME applications, see Setting up communications in the *FactoryTalk View Machine Edition User's Guide*.

FactoryTalk Diagnostics

FactoryTalk Diagnostics collects and provides access to activity, status, warning, and error messages generated throughout a FactoryTalk system.

FactoryTalk Activation

Some products require activation using FactoryTalk Activation Manager. Even if you previously used a different method of activation, all FactoryTalk 8.10.00 software must be activated using FactoryTalk Activation Manager.

Connectivity

How you plan to obtain data for an application will determine which communications software you install.

You can use the RSLinx Enterprise or RSLinx Classic software shipped with FactoryTalk View ME or use other software and devices that support OPC (OLE for Process Control) communications.

Note: RSLinx Enterprise is automatically installed for FactoryTalk View applications. You can use the RSLinx software shipped with FactoryTalk View ME, or use other software and devices that support OPC communications.

RSLinx Enterprise

RSLinx Enterprise is a communication server built around FactoryTalk technology to assist in developing and running your FactoryTalk View Machine Edition applications.

For communications with Allen-Bradley local and remote devices, particularly with Logix5000 controllers, RSLinx Enterprise is the recommended data communications software for FactoryTalk View applications.

RSLinx Classic

RSLinx Classic is software that provides communications to a wide range of devices, such as Logix5000 processors. RSLinx Classic is an OPC Data Access v2.05a-compliant data server that can serve FactoryTalk Live Data tags from an HMI Tag database or RSLinx Enterprise. RSLinx Classic is available for personal computers only.

For example, you can install and use RSLinx Classic to serve data through DH+ (Data Highway +) networks, to support complex bridging and routing, and to support unsolicited messaging from a controller to RSLinx.

FactoryTalk View installation DVD

The FactoryTalk View installation DVD provides all the software you need to develop and run local applications confined to a single computer, or distributed control systems that involve several computers, connected over a network.

Depending on needs, the architecture of a FactoryTalk View application represent different parts of your plant or process. To accommodate those requirements, these FactoryTalk View programs are included in this Setup Wizard:

- Studio for Machine Edition
- Machine Edition Station for Windows
- Stand-alone RSLinx Enterprise Server
- Stand-alone FactoryTalk Directory server
- Stand-alone ME Transfer Utility

Note: Additional FactoryTalk View Site Edition applications can also be installed from this Setup Wizard program.

Contact Rockwell Automation Technical Support

If you cannot find the answer to your question in the documentation or on the Internet, contact Rockwell Automation Technical Support, using any of these methods:

- Telephone: 1-440-646-3434
- Online: http://www.rockwellautomation.com/support

Support staff are available Monday to Friday from 8:00 a.m. through 5:00 p.m. local time (North America only), except on statutory holidays.

When you call Rockwell Automation Technical Support

When you call, it is recommended that you be at your computer and ready to provide the following information:

- The product's serial number and product key, which are printed on the Activation Certificate enclosed with the product software DVD
- The FactoryTalk View product version number
- FactoryTalk Services Platform version number
- The Connectivity product(s) (RSLinx Enterprise or RSLinx Classic) version number(s)
- The type of hardware you are using
- The names of other Rockwell Automation products installed on the computer
- The exact wording of any messages shown on the computer
- A description of what happened and what you were doing when the problem occurred
- A description of how you tried to solve the problem

To view the list of installed add-ons and updates

1. In FactoryTalk View Studio, select **Help**> **About FactoryTalk View Studio**.
2. To view the list of installed add-ons, click **Add-Ons**.

Install, activate, and uninstall FactoryTalk View on a personal computer

This chapter describes:

- System requirements
- Install FactoryTalk View Machine Edition and related software
- Activate the FactoryTalk View software
- Uninstall FactoryTalk View Machine Edition and related software

System requirements

To run FactoryTalk View Studio ME, the recommended requirements are:

- **Personal computer** with an Intel Pentium 4 processor (2 GHz or faster processor recommended).
- **Memory (RAM).** 1 GB (or more) for 32-bit systems. A minimum of 2 GB required for 64-bit operating systems.
- **Hard disk space.** Minimum 1.5 GB.
- **Operating system.**

  Note: FactoryTalk View Studio is tested and supported on operating systems installed from original Microsoft media only. For operating systems installed by the computer vendor, see Knowledgebase article 26842.

Operating System	32-bit	64-bit
Windows Server 2012 R2 Datacenter Edition		X
Windows Server 2012 R2 Standard Edition		X
Windows Server 2012 Datacenter Edition		X
Windows Server 2012 Standard Edition		X
Windows 8.1 Enterprise Edition	X	X
Windows 8.1 Professional	X	X
Windows 8 Professional	X	X
Windows 8 Enterprise Edition	X	X
Windows 7 Ultimate with Service Pack 1		X
Windows 7 Enterprise Edition with Service Pack 1	X	X
Windows 7 Professional with Service Pack 1	X	X

Windows 7 Professional	X	X
Windows Server 2008 R2 Standard Edition		X
Windows Server 2008 R2 Enterprise Edition with Service Pack 1		X
Windows Server 2008 R2 Standard Edition with Service Pack 1		X
Windows Server 2008 Standard Edition with Service Pack 2	X	X
Windows XP Professional with Service Pack 3	X	

For the latest information regarding software platform support, refer to http://www.rockwellautomation.com/compatibility/#/scenarios.

RSNetworx compatibility requirements

If you use RSNetWorx on your computer, RSNetWorx v10.00 or later is required. We recommend that you upgrade it to v21.00 or later.

The current version of RSNetWorx and Prior Incompatibility with Rockwell Automation Software Products is available from the Rockwell Automation Support Center, as Product Notice ID 566967.

If you are under a current technical support contract, you may download RSNetWorx v21.00 or later from the Rockwell Automation Compatibility and Download Center.

To download RSNetWorx

1. Click the **Download Software Updates** link and enter your Rockwell Automation Member identification.
2. Enter your Company Name and the Software Serial Number for your current RSNetWorx.
3. Follow the instructions to download and install the updated software product.

If you are not under a current technical support contract, you may purchase an update for RSNetWorx by contacting Rockwell Automation sales.

Note: RSNetWorx v21.00 or later is also available in Studio 5000 Professional v21.00 or later.

Overview of tasks

The checklist in this section summarizes the basic tasks involved in installing FactoryTalk View Machine Edition along with supporting software. The FactoryTalk View Setup Wizard automatically determines which applications and tools should be included.

If you are planning to upgrade your operating system from an earlier version to Windows XP Professional, see Answer ID 29104 (previously Tech Note #P88739858) for information about how to perform the upgrade. If you do

not follow the recommended procedure, you will no longer be able to create or use FactoryTalk View applications.

Task checklist for installing FactoryTalk View

- Ensure that the user installing the software has administrative rights in Windows.
- Disable automatic Windows updates.
- Locate the serial numbers for all the products you will be installing or updating. Serial numbers are generally on the original packaging of the installation media.
- Schedule downtime for the system if you are upgrading operating applications or replacing computers during the installation.

Ensure that the current Windows user has administrative rights

As part of the installation process, FactoryTalk View creates program folders and modifies registry entries.

For this part of the process to succeed, the user installing the software must have administrative rights in Windows on the computer where the software is being installed.

For example, the Windows domain Administrator account has these rights and will be able to install FactoryTalk View software.

Disable automatic Windows updates

When you install Microsoft Service Pack releases and other Windows operating system updates, you introduce new software that could affect the operation of FactoryTalk View ME components on the computer.

Note: Windows updates should be disabled in all production computers. Updates can cause unexpected behaviors, including shutting down running applications.

To stop automatic Windows updates in Windows XP

1. Open Windows Control Panel, and then double-click **System**.

2. In the **Automatic Updates** tab, select the option, **Turn off Automatic Updates**.

To stop automatic Windows updates in Windows 7 and Windows Server 2008

1. Select **Start** > **All Programs** > **Windows Update**.
2. In the left column, select **Change settings**.
3. In the **Important Updates** drop down, select **Never check for updates**.
4. Select the **Give me recommended updates the same way I receive important updates** check box.
5. Clear the **Allow all users to install updates on this computer** check box.
6. Click **OK**.

To stop automatic Windows updates in Windows Server 2012, Windows 8.1, and Windows 8

1. In **Windows Control Panel**, select **System and Security** > **Windows Update**.
2. In the left column, select **Change settings**.
3. In the **Important Updates** drop down, select **Never check for updates**.
4. Select the **Give me recommended updates the same way I receive important updates** check box.
5. Click **OK**.

Install FactoryTalk View software

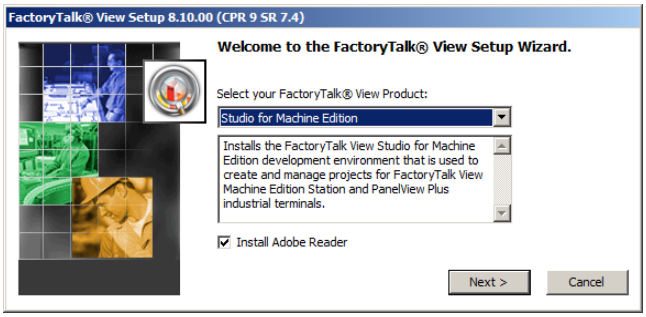
FactoryTalk View Machine Edition supports two installation methods: Setup wizard installation and unattended installation.

The unattended installation reduces user interaction and provides command line parameters to install FactoryTalk View products. See Unattended installation on page 34.

To install FactoryTalk View software using Setup wizard

1. If necessary, close all open Windows programs, and then place the FactoryTalk View Installation DVD in the computer's DVD drive.

2. Run **D:\setup.exe**, where *D:*\is the drive containing the DVD.


FactoryTalk® View Setup 8.10.00 (CPR 9 SR 7.4)
Welcome to the FactoryTalk® View Setup Wizard.
Select your FactoryTalk® View Product:
Studio for Machine Edition
Installs the FactoryTalk View Studio for Machine Edition development environment that is used to create and manage projects for FactoryTalk View Machine Edition Station and PanelView Plus industrial terminals.
Install Adobe Reader
Next >
Cancel

   Select **Studio for Machine Edition** or **Machine Edition Station for Windows** for the computer you are upgrading or installing. There are additional choices for FactoryTalk View Site Edition that do not apply to your application.

   Note: Information about Site Edition applications appear in *FactoryTalk View Site Edition Installation Guide*.

3. Adobe Reader will be installed unless you clear the check box. Adobe Reader is required to open the Installation Guide, User Guide, and other documents.

4. After you make the selection from the list, the Setup Wizard will automatically offer different choices for the software products to install. Make your choices and click **Next**. The applications you have selected will determine the sequence of installation.

5. Follow the prompts for the application you have selected. The general order of the installation will be:

   - Select software products to install on page 22
   - Setup Wizard uninstalls applicable Rockwell Automation software on page 23
   - User Identification and serial number on page 25
   - License agreement on page 25
   - Automatic installation of prerequisites on page 31
   - Installation of necessary Rockwell Software on page 32
     - FactoryTalk Services Platform
     - FactoryTalk View Studio for Machine Edition

- FactoryTalk View Machine Edition Station for Windows
- FactoryTalk Activation Manager
- Rockwell Automation USBCIP Driver (or Rockwell Automation x64 Driver for 64-bit system)
- RSLinx Enterprise
- RSLinx Classic (if selected)
- Device Status and Diagnostics Faceplates (if selected)

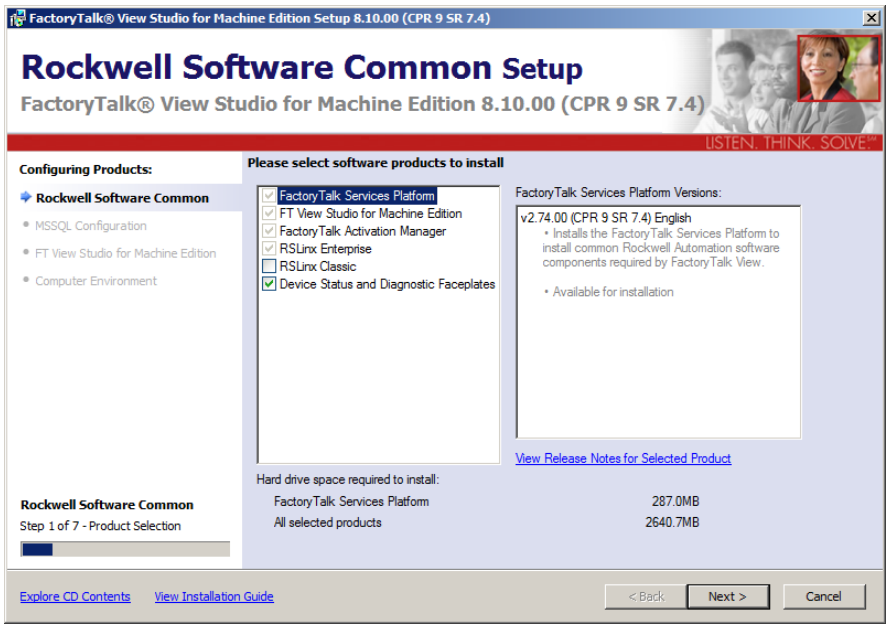
6. Activate the new applications using FactoryTalk Activation software.

Note: If you are installing FactoryTalk View for the first time, you will find the serial number and product key on the Activation Certificate enclosed with the FactoryTalk View Installation DVD.

Select software products to install

Each FactoryTalk View ME application is automatically installed with the appropriate underlying Rockwell software products.

During installation, you will be prompted to select optional components if they are available.


FactoryTalk® View Studio for Machine Edition Setup 8.10.00 (CPR 9 SR 7.4)
Rockwell Software Common Setup
FactoryTalk® View Studio for Machine Edition 8.10.00 (CPR 9 SR 7.4)
LISTEN. THINK. SOLVE.
Configuring Products:
Rockwell Software Common
MSSQL Configuration
FT View Studio for Machine Edition
Computer Environment
Please select software products to install
FactoryTalk Services Platform
FT View Studio for Machine Edition
FactoryTalk Activation Manager
RSLinx Enterprise
RSLinx Classic
Device Status and Diagnostic Faceplates
FactoryTalk Services Platform Versions:
v2.74.00 (CPR 9 SR 7.4) English
• Installs the FactoryTalk Services Platform to install common Rockwell Automation software components required by FactoryTalk View.
• Available for installation
View Release Notes for Selected Product
Hard drive space required to install:
FactoryTalk Services Platform 287.0MB
All selected products 2640.7MB
Rockwell Software Common
Step 1 of 7 - Product Selection
Explore CD Contents
View Installation Guide
< Back
Next >
Cancel

In the dialog box that prompts you to **Please select Software Products to Install**, there may be three different options shown:

- **Mandatory** (grayed-out and checked) indicates software that will be automatically installed as part of the selected application.
- **Recommended** (check box with a green check) indicates software that Rockwell recommends for the application. You may decide to clear the check box so the software does not install.
- **Optional** (clear check box) indicates software that you may wish to include depending on your system. Select the box to include the software during installation.The software product selection dialog boxes for each of the FactoryTalk View ME applications appear below and indicate which software products can be selected.

Clicking on any of the applications shows its status in the right window. Status messages may include that it will be installed, and whether it is already installed and will be upgraded.

	Studio for Machine Edition	**ME Station**	**Stand-alone ME Transfer Utility**
FactoryTalk View Studio ME	Mandatory	/	/
FactoryTalk View ME Station	/	Mandatory	/
FactoryTalk Services Platform	Mandatory	Mandatory	Mandatory
FactoryTalk Activation Manager	Mandatory	Mandatory	/
RSLinx Enterprise	Mandatory	Mandatory	Mandatory
RSLinx Classic	Optional	Optional	/
Device Status and Diagnostics Faceplates	Recommended	/	/

FactoryTalk Activation

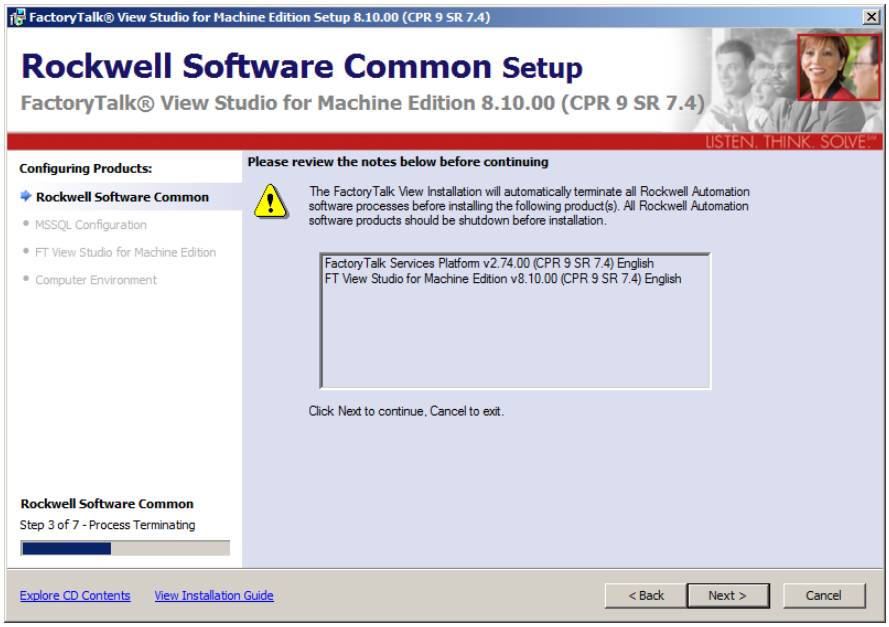
Some products require activation using FactoryTalk Activation Manager. Even if you previously used a different method of activation, all FactoryTalk 8.10.00 software must be activated using FactoryTalk Activation Manager.

Setup Wizard uninstalls applicable Rockwell Automation software

During the installation, the Setup Wizard identifies Rockwell Automation software that will be replaced. The program automatically terminates the programs listed in the following dialog box.

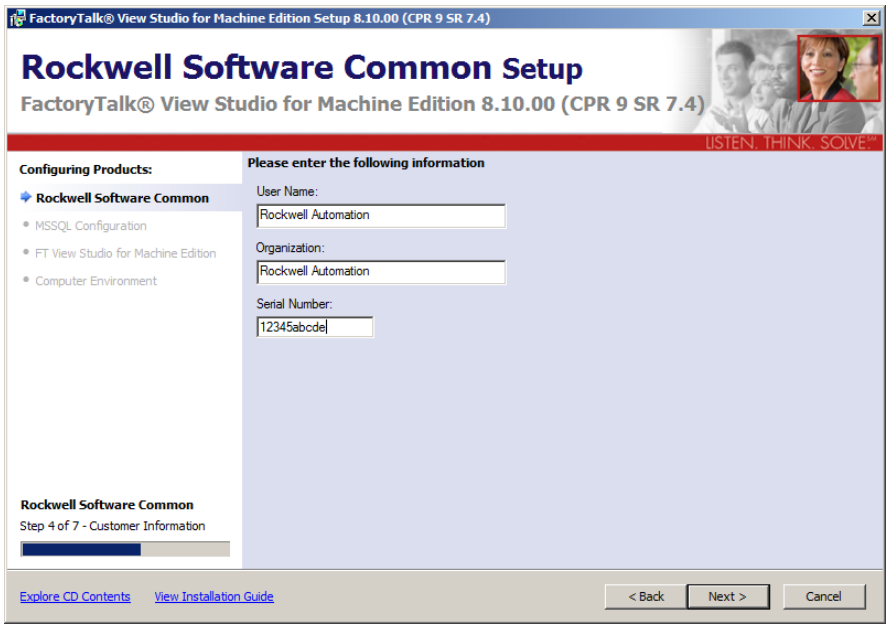
Note: **This procedure could shut down your process applications!** Depending on which applications you are installing or upgrading, it is possible that your factory automation system will become inoperabable, shutting down your processes. Be certain you have prepared for this downtime and all of your company's systems are prepared for these applications to be terminated.

Click **Next** to proceed.


FactoryTalk® View Studio for Machine Edition Setup 8.10.00 (CPR 9 SR 7.4)
Rockwell Software Common Setup
FactoryTalk® View Studio for Machine Edition 8.10.00 (CPR 9 SR 7.4)
LISTEN. THINK. SOLVE.
Configuring Products:
Rockwell Software Common
MSSQL Configuration
FT View Studio for Machine Edition
Computer Environment
Please review the notes below before continuing
The FactoryTalk View Installation will automatically terminate all Rockwell Automation software processes before installing the following product(s). All Rockwell Automation software products should be shutdown before installation.
FactoryTalk Services Platform v2.74.00 (CPR 9 SR 7.4) English
FT View Studio for Machine Edition v8.10.00 (CPR 9 SR 7.4) English
Click Next to continue, Cancel to exit.
Rockwell Software Common
Step 3 of 7 - Process Terminating
Explore CD Contents
View Installation Guide
< Back
Next >
Cancel

User Identification and serial number

If you are installing FactoryTalk View Studio ME, the next step is to set up user information for the administrator of the application.



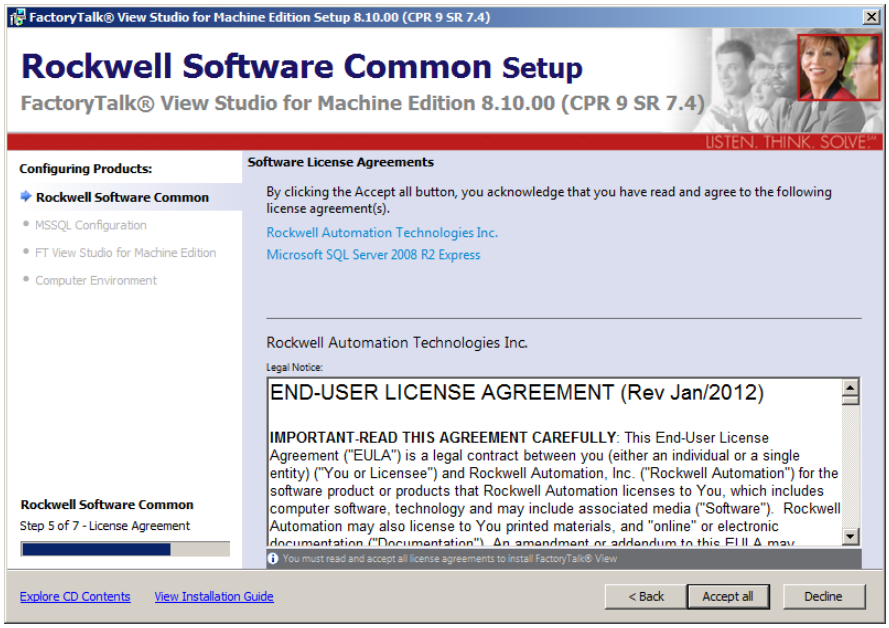
User Name and **Organization** are optional and not required for installation. A serial number reveals which edition of FactoryTalk View you purchased. Valid serial numbers are important to get activation keys and call Technical Support. If you do not enter a valid serial number, you are still allowed to proceed with the installation. Serial number information is available from the product packaging.

Enter the serial registration information and click **Next**.

License agreement

End-user license agreements (EULA) spell out your rights and responsibilities.

Depending on the applications being installed, it is possible that there may be more than one license agreement on this page. The individual license agreements are listed above the text box.


FactoryTalk® View Studio for Machine Edition Setup 8.10.00 (CPR 9 SR 7.4)
Rockwell Software Common Setup
FactoryTalk® View Studio for Machine Edition 8.10.00 (CPR 9 SR 7.4)
LISTEN. THINK. SOLVE.
Configuring Products:
Rockwell Software Common
MSSQL Configuration
FT View Studio for Machine Edition
Computer Environment
Software License Agreements
By clicking the Accept all button, you acknowledge that you have read and agree to the following license agreement(s).
Rockwell Automation Technologies Inc.
Microsoft SQL Server 2008 R2 Express
Rockwell Automation Technologies Inc.
Legal Notice:
END-USER LICENSE AGREEMENT (Rev Jan/2012)
IMPORTANT-READ THIS AGREEMENT CAREFULLY: This End-User License Agreement ("EULA") is a legal contract between you (either an individual or a single entity) ("You or Licensee") and Rockwell Automation, Inc. ("Rockwell Automation") for the software product or products that Rockwell Automation licenses to You, which includes computer software, technology and may include associated media ("Software"). Rockwell Automation may also license to You printed materials, and "online" or electronic
You must read and accept all license agreements to install FactoryTalk® View
Rockwell Software Common
Step 5 of 7 - License Agreement
Explore CD Contents
View Installation Guide
< Back
Accept all
Decline

Some software products may be delivered or made available only after you agree to the terms and conditions of each of the license agreements.

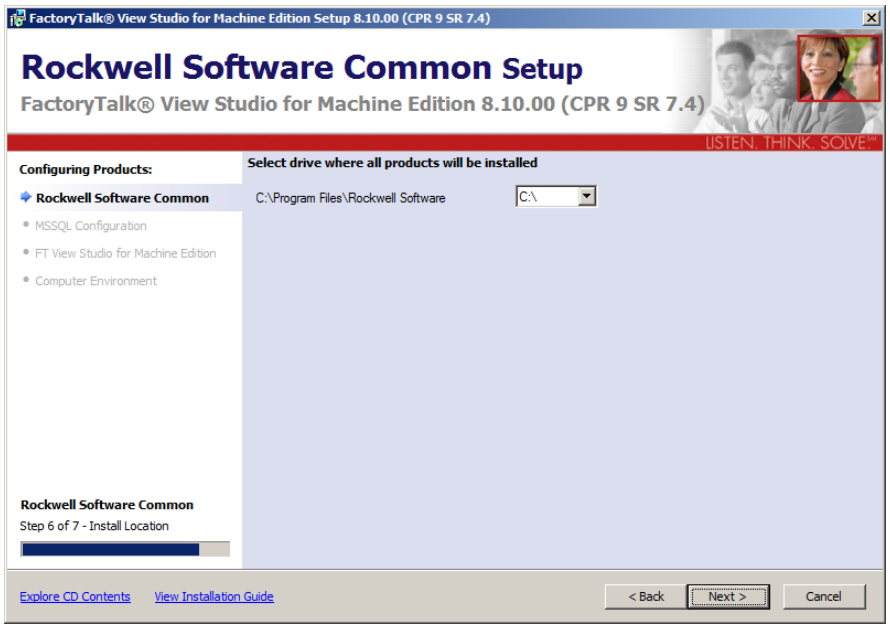
1. Select an agreement at the top of the dialog box. View and read carefully.

2. Repeat for each license agreement.

3. When all license agreements have been viewed, click **Accept All**. If you click **Decline**, it will halt the installation process.

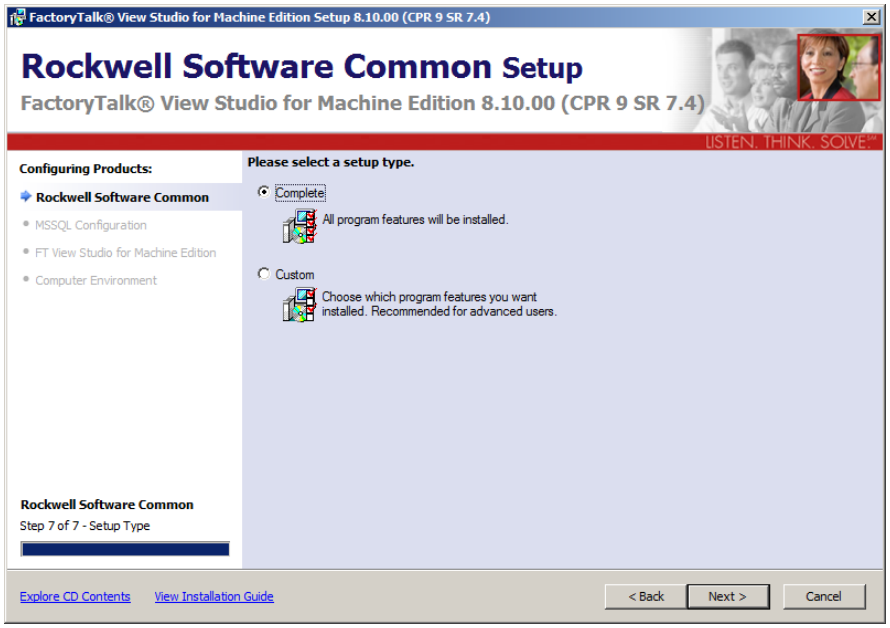
File Location

Select the location for Rockwell Automation software. If needed, select the pull down menu to browse to another drive location.


FactoryTalk® View Studio for Machine Edition Setup 8.10.00 (CPR 9 SR 7.4)
Rockwell Software Common Setup
FactoryTalk® View Studio for Machine Edition 8.10.00 (CPR 9 SR 7.4)
LISTEN. THINK. SOLVE.
Configuring Products:
Rockwell Software Common
MSSQL Configuration
FT View Studio for Machine Edition
Computer Environment
Select drive where all products will be installed
C:\Program Files\Rockwell Software
C:\
Rockwell Software Common
Step 6 of 7 - Install Location
Explore CD Contents
View Installation Guide
< Back
Next >
Cancel

Select Complete or Custom Setup Type

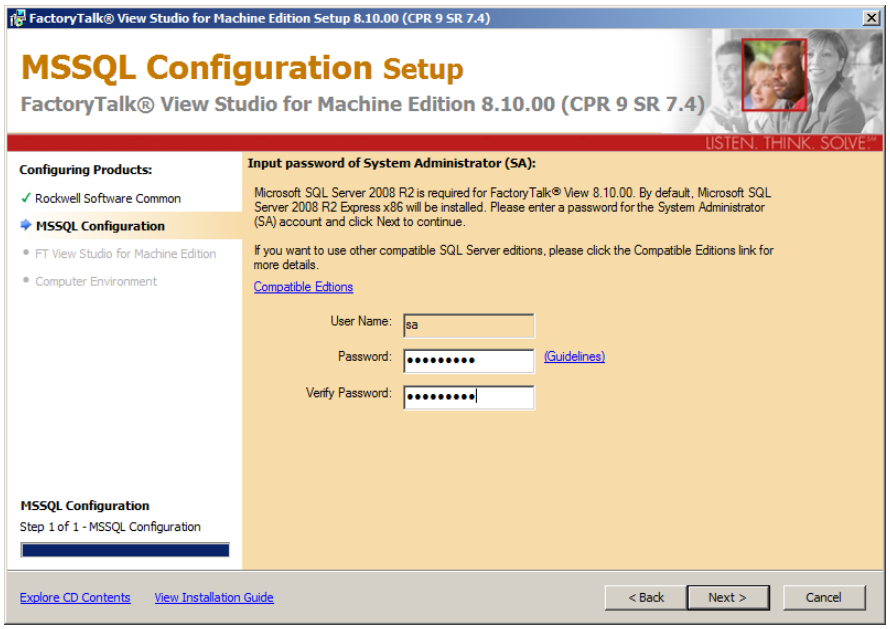
This dialog box allows you to select the most appropriate type of installation for your applications.


FactoryTalk® View Studio for Machine Edition Setup 8.10.00 (CPR 9 SR 7.4)
Rockwell Software Common Setup
FactoryTalk® View Studio for Machine Edition 8.10.00 (CPR 9 SR 7.4)
LISTEN. THINK. SOLVE.
Configuring Products:
Rockwell Software Common
MSSQL Configuration
FT View Studio for Machine Edition
Computer Environment
Please select a setup type.
Complete
All program features will be installed.
Custom
Choose which program features you want installed. Recommended for advanced users.
Rockwell Software Common
Step 7 of 7 - Setup Type
Explore CD Contents
View Installation Guide
< Back
Next >
Cancel

- **Complete** installs all the components available in the Setup Wizard.
- **Custom** allows you to select optional components such as Help and demo applications during the Rockwell Software Setup step.

SQL Server sign-in or installation

During the installation, the Setup Wizard determines whether a compatible SQL Server is available on the computer.


FactoryTalk® View Studio for Machine Edition Setup 8.10.00 (CPR 9 SR 7.4)
MSSQL Configuration Setup
FactoryTalk® View Studio for Machine Edition 8.10.00 (CPR 9 SR 7.4)
LISTEN. THINK. SOLVE.
Configuring Products:
Rockwell Software Common
MSSQL Configuration
FT View Studio for Machine Edition
Computer Environment
Input password of System Administrator (SA):
Microsoft SQL Server 2008 R2 is required for FactoryTalk® View 8.10.00. By default, Microsoft SQL Server 2008 R2 Express x86 will be installed. Please enter a password for the System Administrator (SA) account and click Next to continue.
If you want to use other compatible SQL Server editions, please click the Compatible Editions link for more details.
Compatible Edtions
User Name:
sa
Password:
(Guidelines)
Verify Password:
MSSQL Configuration
Step 1 of 1 - MSSQL Configuration
Explore CD Contents
View Installation Guide
< Back
Next >
Cancel

FactoryTalk View Machine Edition 8.10.00 supports the following editions of SQL Server:

- SQL Server 2008 R2 Express (32-bit or 64-bit)
- SQL Server 2008 R2 Standard (32-bit or 64-bit)
- SQL Server 2008 R2 Enterprise (32-bit or 64-bit)

If a supported edition of *FTVIEWx64TagDB* instance exists, the installer skips the SQL configuration step.

If a *FTVIEWx64TagDB* instance exists, but the installed Microsoft SQL Server is not one of the supported editions, then you will be notified to uninstall the incompatible version of SQL Server before the FactoryTalk View Machine Edition installation.

If there is no SQL Server installed, the Setup Wizard will prompt for a new password and will askto verify the password as shown above. Be sure to record the password for later use. New passwords must be *strong passwords*.

Click **Guidelines** in the dialog box to review the requirements for strong passwords.

Microsoft SQL Server 2008 R2 Express Service Pack 2 (32-bit) will be installed by default. If you want to install other supported editions, you can use the batch file *Install Compatible SQL.bat* to conduct the installation. The file located in the following directory in the FactoryTalk View Machine Edition installation media:

D:\Redist\SQLServerEXPR_2008R2SP2

where *D:* is the drive containing the installation DVD.

The command line syntax is as follows:

```
"Install Compatible SQL.bat" [SQL Server setup.exe path] [product key] [SA password]
```

All parameters are required. For more details, see Install SQL Server in *FactoryTalk Machine Edition Release Notes*.

Guidelines for strong passwords

Strong passwords are not readily guessed by a person, and are not easily hacked using a computer program. Strong passwords cannot use prohibited conditions or terms, including:

- A blank or NULL condition
- Password
- Admin
- Administrator
- sa
- sysadmin

A strong password cannot be the following terms associated with the installation computer:

- The name of the user currently logged onto the machine
- The computer name

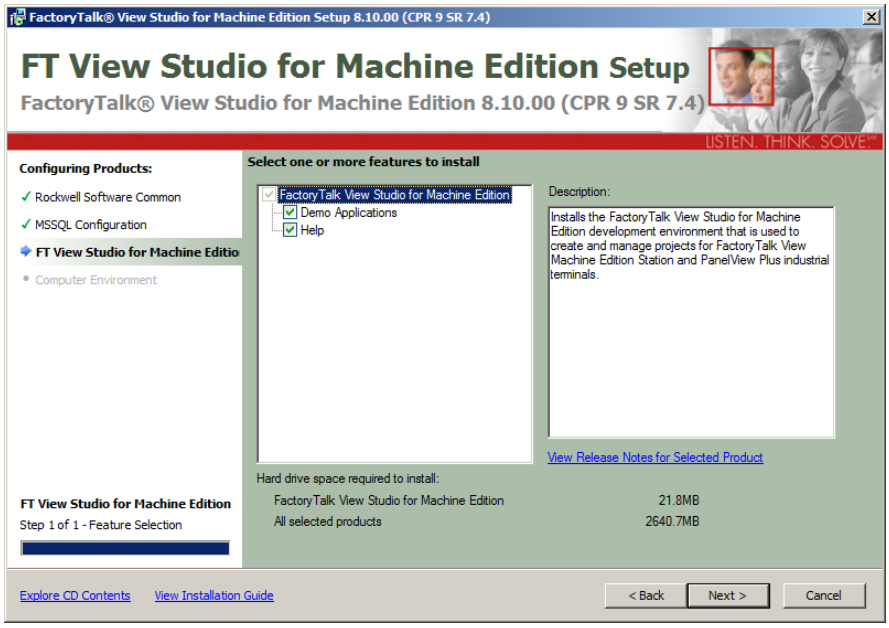
A strong password must be more than 8 characters in length and satisfy at least three of the following four criteria:

- It must contain uppercase letters
- It must contain lowercase letters
- It must contain numbers

- It must contain non-alphanumeric characters; for example, #, %, or ^

Select Features to Install

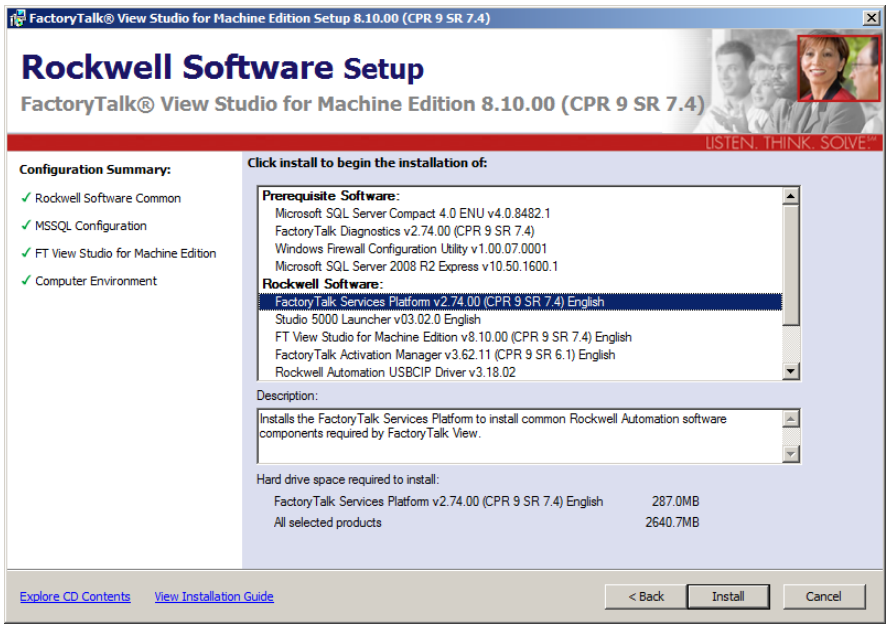
If you selected Custom setup, this screen appears only when optional features are available.


FactoryTalk® View Studio for Machine Edition Setup 8.10.00 (CPR 9 SR 7.4)
FT View Studio for Machine Edition Setup
FactoryTalk® View Studio for Machine Edition 8.10.00 (CPR 9 SR 7.4)
LISTEN. THINK. SOLVE.
Configuring Products:
Rockwell Software Common
MSSQL Configuration
FT View Studio for Machine Editio
Computer Environment
Select one or more features to install
FactoryTalk View Studio for Machine Edition
Demo Applications
Help
Description:
Installs the FactoryTalk View Studio for Machine Edition development environment that is used to create and manage projects for FactoryTalk View Machine Edition Station and PanelView Plus industrial terminals.
View Release Notes for Selected Product
Hard drive space required to install:
FactoryTalk View Studio for Machine Edition 21.8MB
All selected products 2640.7MB
FT View Studio for Machine Edition
Step 1 of 1 - Feature Selection
Explore CD Contents
View Installation Guide
< Back
Next >
Cancel

Features (usually Demo Applications and Help) are optional. Select the options you want to install and click **Next**.

Ready to Install

Once all the selections are made, the Setup Wizard displays the prerequisites and Rockwell Software that will be installed.


FactoryTalk® View Studio for Machine Edition Setup 8.10.00 (CPR 9 SR 7.4)
Rockwell Software Setup
FactoryTalk® View Studio for Machine Edition 8.10.00 (CPR 9 SR 7.4)
LISTEN. THINK. SOLVE.
Configuration Summary:
✓ Rockwell Software Common
✓ MSSQL Configuration
✓ FT View Studio for Machine Edition
✓ Computer Environment
Click install to begin the installation of:
Prerequisite Software:
Microsoft SQL Server Compact 4.0 ENU v4.0.8482.1
FactoryTalk Diagnostics v2.74.00 (CPR 9 SR 7.4)
Windows Firewall Configuration Utility v1.00.07.0001
Microsoft SQL Server 2008 R2 Express v10.50.1600.1
Rockwell Software:
FactoryTalk Services Platform v2.74.00 (CPR 9 SR 7.4) English
Studio 5000 Launcher v03.02.0 English
FT View Studio for Machine Edition v8.10.00 (CPR 9 SR 7.4) English
FactoryTalk Activation Manager v3.62.11 (CPR 9 SR 6.1) English
Rockwell Automation USBCIP Driver v3.18.02
Description:
Installs the FactoryTalk Services Platform to install common Rockwell Automation software components required by FactoryTalk View.
Hard drive space required to install:
FactoryTalk Services Platform v2.74.00 (CPR 9 SR 7.4) English 287.0MB
All selected products 2640.7MB
Explore CD Contents
View Installation Guide
< Back
Install
Cancel

- **Configuration Summary** indicates the software that will be included in the installation process.
- **Prerequisite Software** is required on the computer to support the Rockwell Software applications.
- **Rockwell Software** applications are the unified suite of monitoring and control solutions designed to span stand-alone machine-level applications.

Clicking any of the prerequisites or Rockwell Software will show a description in the **Description** window. The bottom of the screen shows the total hard drive space required for the selected application as well as the space required for all products that will be installed.

When ready to proceed, click **Install**.

Automatic installation of prerequisites

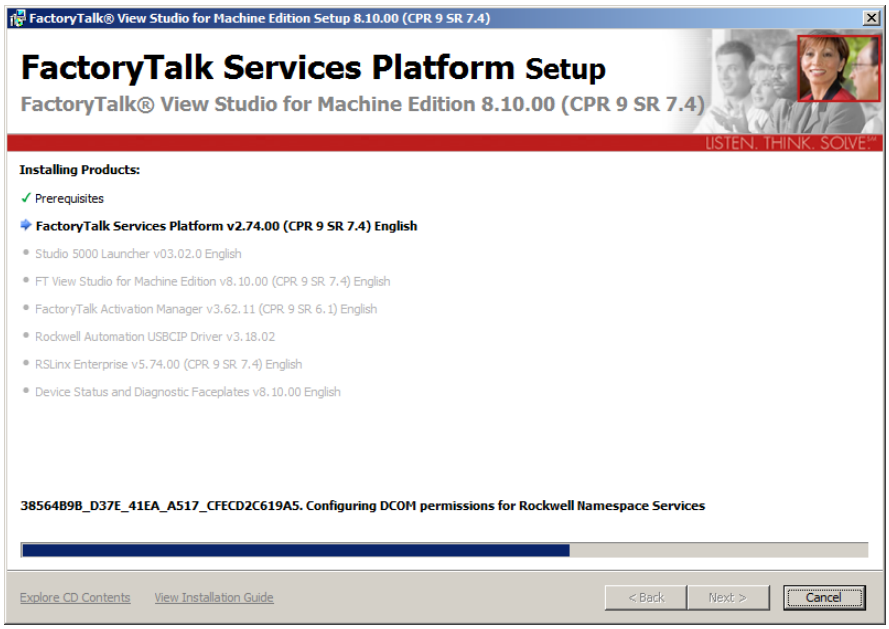
The FactoryTalk View Setup Wizard automatically detects required applications and installs those that are not on the computer. During installation of each of the prerequisites, you will be able to select **Cancel** if you wish.

- .NET Framework 3.5 Service Pack 1

- .NET Framework 4.0
- FactoryTalk Diagnostics
- Windows Firewall Configuration Utility
- Microsoft SQL Server 2008 R2 Express Service Pack 2 for the HMI tag database
- Sentinel LDK
- Microsoft SQL Server Compact

Installation of necessary Rockwell Software

After installing prerequisites, the Setup Wizard automatically installs all the Rockwell Software applications selected previously. Installation is automatic and does not require any input from the user.


FactoryTalk® View Studio for Machine Edition Setup 8.10.00 (CPR 9 SR 7.4)
FactoryTalk Services Platform Setup
FactoryTalk® View Studio for Machine Edition 8.10.00 (CPR 9 SR 7.4)
LISTEN. THINK. SOLVE.
Installing Products:
✓ Prerequisites
FactoryTalk Services Platform v2.74.00 (CPR 9 SR 7.4) English
Studio 5000 Launcher v03.02.0 English
FT View Studio for Machine Edition v8.10.00 (CPR 9 SR 7.4) English
FactoryTalk Activation Manager v3.62.11 (CPR 9 SR 6.1) English
Rockwell Automation USBCIP Driver v3.18.02
RSLinx Enterprise v5.74.00 (CPR 9 SR 7.4) English
Device Status and Diagnostic Faceplates v8.10.00 English
38564B9B_D37E_41EA_A517_CFECD2C619A5. Configuring DCOM permissions for Rockwell Namespace Services
Explore CD Contents
View Installation Guide
< Back
Next >
Cancel

Device Status and Diagnostics Faceplates

Device Status and Diagnostics Faceplates are recommended or optional depending on which application you are installing.

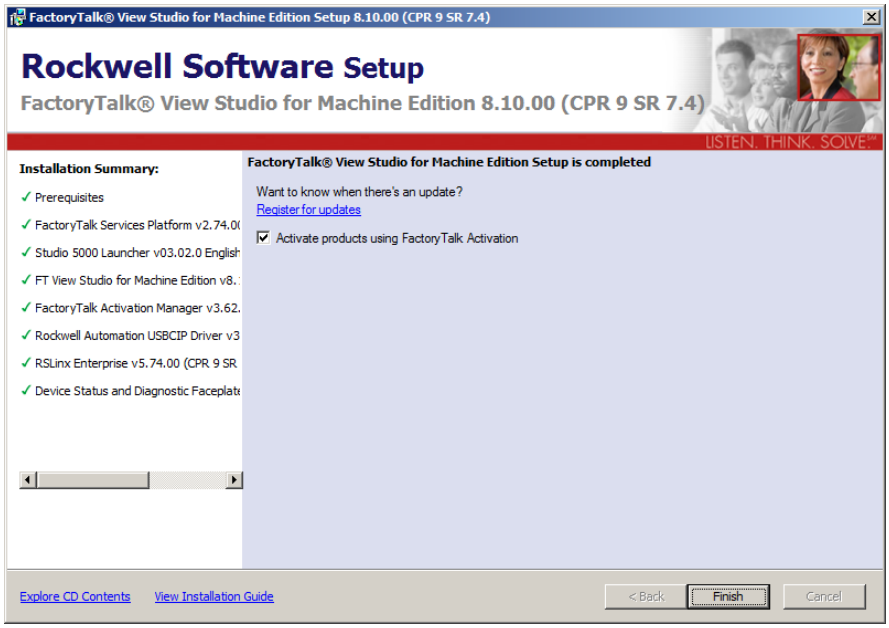
The faceplates will be installed to:

- (Windows XP) **C:\Documents and Settings\All Users\Documents\RSView Enterprise\ME\Faceplates**

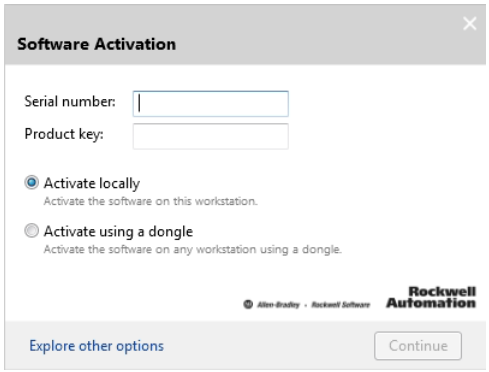
- (Windows Server 2012, Windows 8.1, Windows 8, Windows 7, and Windows Server 2008) **C:\Users\Public\Documents\RSView Enterprise\ME\Faceplates**

To finish installing FactoryTalk View

After the FactoryTalk View software finishes installing, the **Setup Complete** dialog box opens.


FactoryTalk® View Studio for Machine Edition Setup 8.10.00 (CPR 9 SR 7.4)
Rockwell Software Setup
FactoryTalk® View Studio for Machine Edition 8.10.00 (CPR 9 SR 7.4)
LISTEN. THINK. SOLVE.
Installation Summary:
✓ Prerequisites
✓ FactoryTalk Services Platform v2.74.0
✓ Studio 5000 Launcher v03.02.0 English
✓ FT View Studio for Machine Edition v8.
✓ FactoryTalk Activation Manager v3.62.
✓ Rockwell Automation USBCIP Driver v3
✓ RSLinx Enterprise v5.74.00 (CPR 9 SR
✓ Device Status and Diagnostic Faceplate
FactoryTalk® View Studio for Machine Edition Setup is completed
Want to know when there's an update?
Register for updates
Activate products using FactoryTalk Activation
Explore CD Contents
View Installation Guide
< Back
Finish
Cancel

To proceed directly to activation of the installed components, click **Finish**, and the following window opens.



1. In the **Serial number** field, enter the serial number.
2. In the **Product key** field, enter the product key.
3. Select **Activate locally**, or **Activate using a dongle**.
4. Click **Continue**.

FactoryTalk View products will be activated.

You can also clear the **Activate products using FactoryTalk Activation** check box to finish without activation. See Activate the FactoryTalk View software on page 39. You will be prompted to restart the computer after the activation starts.

Unattended installation

The unattended installation is an automated installation method that you can use to install FactoryTalk View Machine Edition. You can typically use the unattended installation during large-scale rollouts when it might be too slow and costly to have administrators or technicians interactively install the FactoryTalk View software on individual computers.

In the unattended installation, you enter a specified command line with multiple parameters. During the installation process, instead of prompting you for installation and configuration information interactively, the process follows the parameters you specified in the command lines.

Before installation, keep in mind:

- If you are using Windows Server 2012 R2, Windows Server 2012, Windows 8.1, or Windows 8, .NET Framework 3.5 is required. You need to manually install it first. For detailed instructions, refer to http://msdn.microsoft.com/en-us/library/hh506443.aspx.
- If RSNetWorx, v9.0 or earlier, is installed on your computer, it is suggested to upgrade it to v21.00 or later. Otherwise, FactoryTalk View cannot be installed.

Perform unattended installation

1. Close all open Windows programs.
2. Open the Command Prompt window:
   - (Windows 7, Windows Server 2008, and Windows XP) From the Windows Start menu, select **All Programs** > **Accessories** > **Command Prompt**.
   - (Windows Server 2012, Windows 8.1, and Windows 8) Press the **Windows** button+**R**, and in the **Open** text box, input *cmd* and click **OK**.
3. In the Command Prompt window, navigate to *D:*\, where *D:*\ is the drive containing the FTView installation DVD.

   In this example, type **D:** and press **Enter**.

   Type a command line with the following syntax:

   ```
   Setup /Q
   ```

```
/AcceptAllLicenseItems
/Product=product_name
[/AdobeReader]
[/UserName=user_name]
[/Organization=organization_name]
[/SqlSaPwd=sql_server_password]
[/SerialNumber=serial_number]
[/ProductKey=product_key]
[/AutoRestart]
```

For detailed description about each parameter, see Parameters on page 35. You can also type **Setup /?** in the Command Prompt window, and press **Enter** to view the help information of all parameters and examples.

After you press **Enter**, the installation process starts with the parameters you specified.

Note: During the unattended installation, if **User Account Control** dialog box shows, click **Yes** to continue with the installation. You need administrator rights to complete the unattended installation.

Parameters

The parameters and values are not case sensitive. If the value includes spaces, you need to

enclose it in quotation marks (" ").

If your installation package is Personalized Edition, the following parameters will be

ignored during installation:

- /UserName
- /Organization
- /SerialNumber
- /ProductKey

/Q

1. (Required) Specifies whether to use the unattended installation.

2. If omitted, the other parameters will not take effect and the installation will start with Setup Wizard.

/AcceptAllLicenseItems

1. (Required) Specifies that you read and acknowledge all license agreements, and agree to continue the unattended installation.

2. If omitted, you cannot continue the installation.

/Product=*product_name*

1. (Required) Specifies which product will be installed. The value must be quoted by quotation marks (" "), for example, /Product="Studio Enterprise".

2. The product name must be the one of following:

- Studio for Machine Edition
- Machine Edition Station for Windows
- Stand-alone ME Transfer Utility

/AdobeReader

1. (Optional) Specifies whether to install Adobe Reader.

2. If omitted, Adobe Reader will not be installed.

/UserName=*user_name*

1. (Optional) Specifies the user name.

/Organization=*organization_name*

1. (Optional) Specifies the organization name.

/SqlSaPwd=*sql_server_password*

1. (Optional) Specifies the password for the Microsoft SQL Server SA (System Administrator) account. The value must meet strong password policy requirements.

2. The parameter is required when you are installing Studio for Machine Edition.

/SerialNumber=*serial_number*

1. (Optional) Specifsies the product serial number.

2. If you want to get activation keys during installation, the parameter is required.

/ProductKey=*product_key*

1. (Optional) Specifies the product key.
2. If you want to get activation keys during installation, the product key is required.

/AutoRestart

1. (Optional) Specifies whether to restart the computer automatically after the installation.
2. If it is specified, the computer will be restart automatically after the installation.
3. If it is not specified, you will be prompted to restart the computer after the installation. Click **Yes** to restart. Click **No** to return to the desktop.

You can find the installation logs and check the installation status in the following directory:

- (32-bit operating systems) **C:\Program Files\Common Files\Rockwell\Install Logs**
- (64-bit operating systems) **C:\Program Files (x86)\Common Files\Rockwell\Install Logs**

Examples

The following examples show how to use the commands during the unattended installation.

Example 1

```
Setup /Q /AcceptAllLicenseItems /Product="Studio for
Machine Edition" /SqlSaPwd=myPassword@123
/SerialNumber=0123456789 /ProductKey=ABCDE-FGHIJ
/AutoRestart
```

means:

- Studio for Machine Edition will be installed.
- Microsoft SQL Server will be installaed and the system administrator password will be *myPassword@123*.
- The computer will be restarted automatically after the installation.

Example 2

```
Setup /Q /AcceptAllLicenseItems /Product="Machine
Edition Station for Windows" /AutoRestart
```

means:

- Machine Edition Station for Windows will be installed.

Post-installation procedures

Once FactoryTalk View Machine Edition has been installed, there may be final setup steps that must be completed:

- Install Product Updates on page 38
- Activate the FactoryTalk View software on page 39
- Recreate SQL Server 2008 Express instance on page 42 (only if needed)

Install Product Updates

After installing any of the FactoryTalk View components, you should locate and install patches for the software products on your system. To locate patches, search the Rockwell Automation Knowledgebase for "Patch TOCs" (Tables of Contents). The TOCs contain lists of all available patches for your software. Go to http://rockwellautomation.custhelp.com and select the **Search Knowledgebase** tab.

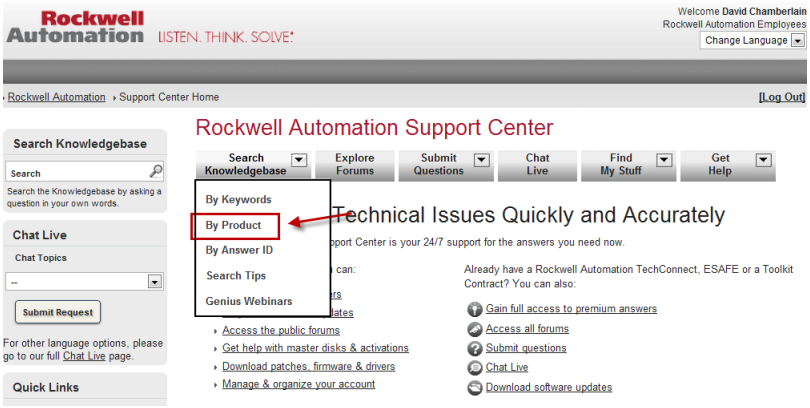
A Patch TOC describes updates released for a particular product and version, and provides instructions for downloading and installing the updates on computers where the software is installed.

Each product you installed, including, Studio for Machine Edition, FactoryTalk Services Platform, RSLinx Enterprise, and RSLinx Classic, will have its own, version-specific Patch TOCs.

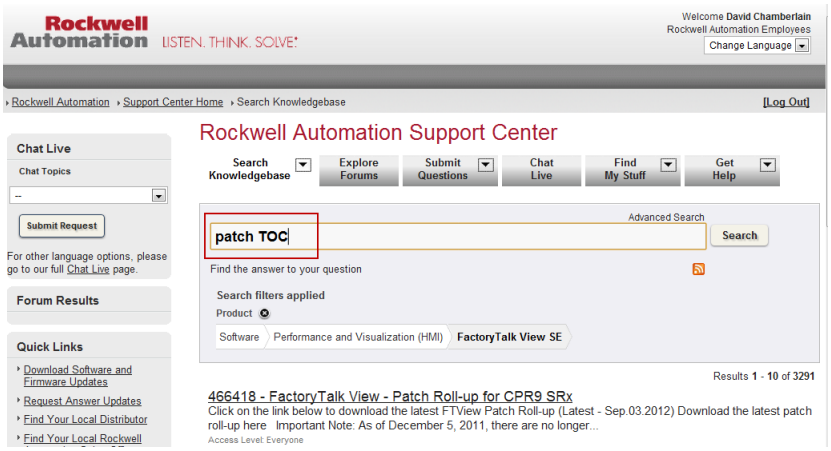
To find Patch TOCs in the Rockwell Automation Knowledgebase

1. In your Web browser's address bar, type **https://rockwellautomation.custhelp.com**, then press the **Enter** key (you may be required to register or log in).

2. On the Rockwell Automation Support Center page, click the down arrow on the **Search Knowledgebase** tab. Select **By Product.**



3. Scroll down to **Software** and click on **FactoryTalk View ME**. In the **Search** box, type *Patch TOC* and click **Search**.



In the search results, look for Patch TOCs related to all the products you installed from the FactoryTalk View installation DVD. If necessary, conduct additional searches for other newly-installed applications, including:

- FactoryTalk Services Platform
- RSLinx Enterprise
- RSLinx Classic

Activate the FactoryTalk View software

For continuous use of FactoryTalk View Machine Edition and other Rockwell Automation products, computers running the software must have access to activation files. Activation is not required for PanelView Plus 7,

PanelView Plus 6, PanelView Plus, PanelView Plus Compact, and PanelView Plus CE terminals.

To manage and provide activations for FactoryTalk View software components, use the FactoryTalk Activation Manager software installed with FactoryTalk View.

About FactoryTalk Activation

FactoryTalk Activation provides a secure, software-based system for activating Rockwell Automation products and managing software activation files.

With FactoryTalk Activation, there is no need for a physical master disk or any physical media; instead, activation files are generated and distributed electronically.

FactoryTalk View products use two types of activations:

- **Floating** concurrent activations are checked out of an activation server located on the network, and require a continuous network connection.
- **Borrowed** concurrent activations are time-expiring activations checked out of an activation server on the network, and do not require a continuous network connection.

  Note: To learn about the types of activation that other Rockwell Automation products can use, see the FactoryTalk View Activation Manager product documentation or contact your local Rockwell Automation Sales office.

What happens if FactoryTalk View is not activated

If the FactoryTalk View components you have installed cannot be activated, for example, because the activation server is unavailable or because borrowed activations have expired, then the software will continue to run for up to seven days on personal computers.

The seven-day grace period allows time to correct the problem with acquiring activations without disrupting critical applications. If activation is restored within seven days, normal operations will resume.

If activation is not restored, the grace period will expire. After the grace period expires, if you restart FactoryTalk View ME and activation remains unavailable, the software will run in demo mode. Demo mode allows only two hours of use and no more than five displays, including three default displays.

Borrow activations for development computers

If it is not convenient for a development computer to remain connected to the network where the activation server resides, you can connect to the activation server temporarily, borrow a concurrent activation for a limited amount of time, and then disconnect. When the time-limited activation expires, its associated software is no longer activated, and the activation automatically becomes available again from the server's activation pool.

Only the FactoryTalk View Studio activation keys can be borrowed. While developing applications while disconnected from the network, the FactoryTalk View Studio activation key is shared by any test clients and HMI servers in your application, allowing all necessary components to run for development purposes.

Note: To use borrowed activations, you **must** upgrade to FactoryTalk Activation Manager version 3.30 or later (included on any FactoryTalk installation DVD) on all server and client computers where the borrowed activations will be used.

Activation keys for FactoryTalk View software components

The activation files you download from the Rockwell Automation Activation Website contain the activation keys you purchased, in encrypted form. The activation key is the software that activates FactoryTalk View components.

Different keys are required for different components. For example, FactoryTalk View ME Station use ME Station activation keys.

Following is a list of activation keys used by the FactoryTalk View Machine Edition products.

Note: For information about the keys required to activate other Rockwell Automation products in your application, see the product documentation.

To activate this software product or component	Use this key
FactoryTalk View Studio for Machine Edition applications only	RSVME.STUDIO
FactoryTalk View ME Station 500 displays	RSVME.500
FactoryTalk View ME Station (local applications), 250 displays	RSVME.250
FactoryTalk View ME Station, 75 displays	RSVME.RUN
FactoryTalk View ME Station, 25 displays	RSVME.30
FactoryTalk View ME Station 15 displays	RSVME.15

Share keys among multiple software components

Multiple instances of FactoryTalk View Studio running on the same computer can use a single key (RSV.STUDIO), as long as the components are not running in a Terminal Services session.

Recreate SQL Server 2008 Express instance

SQL Server 2008 Express instance *FTVIEWx64TagDB* stores all the FactoryTalk View ME tag data, which FactoryTalk View Studio ME accesses. You need to recreate SQL Server 2008 Express instance *FTVIEWx64TagDB* manually only if you need to uninstall SQL Server 2008 Express instance *FTVIEWx64TagDB* and reinstall it.

A message appears asking the user to recreate the SQL server instance if user has not done so. It is not necessary to recreate the SQL Server 2008 Express instance unless prompted.

To Recreate SQL Server 2008 Express instance

1. If necessary, close all open Windows programs, and then place the FactoryTalk View installation DVD in the computer's DVD drive.

2. Locate and run **D:\Redist\SQLServerEXPR_2008R2\SQLServerInstall.exe** where *D:* is the drive containing the DVD.

   Windows Installer 4.5 and .NET Framework 3.5 SP1 are required for this procedure.

3. Input a password twice for the SA account in the SQL Server Install window, and then click **OK**. Click **Guidelines** for quick reference of SQL SA User Strong Password Guidelines or see SQL Server sign-in or installation on page 28.

4. To finish installing the software, follow the instructions in the wizard.

Installation summary

If you are running on a 32-bit operating system, the Setup Wizard does the following:

Note: If you are running on a **64-bit** operating system, the software installs via the same path under **\Program Files (x86)** directory, not **\Program Files**.

- Installs the shared components for the FactoryTalk Services Platform.

- Installs FactoryTalk View Studio ME or FactoryTalk View ME Station in **C:\Program Files\Rockwell Software\RSView Enterprise**. This folder contains the FactoryTalk View Studio software and tools.
- Installs Microsoft SQL Server 2008 R2 Express in **C:\Program Files\Microsoft SQL Server.** This folder contains the Microsoft SQL files.
- Installs RSLinx Enterprise in **C:\Program Files\Rockwell Software\RSLinx Enterprise.** This folder contains the RSLinx Enterprise files.
- (optionally) installs RSLinx Classic in **C:\Program Files\Rockwell Software\RSLinx.** This folder contains the RSLinx Classic files.
- Adds a folder containing bitmap image files that you can use on graphic objects. This folder is located in:
  - (Windows XP) **C:\Documents and Settings\All Users\Shared Documents\RSView Enterprise\Images**
  - (Windows Server 2012, Windows 8.1, Windows 8, Windows 7, and Windows Server 2008) **C:\Users\Public\Public Documents\RSView Enterprise\Images**
- Adds a folder containing sample applications for FactoryTalk View Studio and stores applications that you create. This folder is located in:
  - (Windows XP) **C:\Documents and Settings\All Users\Shared Documents\RSView Enterprise\ME\HMI projects**
  - (Windows Server 2012, Windows 8.1, Windows 8, Windows 7, and Windows Server 2008) **C:\Users\Public\Public Documents\RSView Enterprise\ME\HMI projects**
- Adds a folder containing graphic library component files and image files used in the library displays.This folder is located in:
  - (Windows XP) **C:\Documents and Settings\All Users\Shared Documents\RSView Enterprise\ME\Libraries**
  - (Windows Server 2012, Windows 8.1, Windows 8, Windows 7, and Windows Server 2008) **C:\Users\Public\Public Documents\RSView Enterprise\ME\Libraries**
- (optional) Adds a folder containing graphic displays, global object displays, and image files used for Logix5000 process faceplates. This folder is located in:

- (Windows XP) **C:\Documents and Settings\All Users\Shared Documents\RSView Enterprise\ME\Faceplates**
- (Windows Server 2012, Windows 8.1, Windows 8, Windows 7, and Windows Server 2008) **C:\Users\Public\Public Documents\RSView Enterprise\ME\Faceplates**

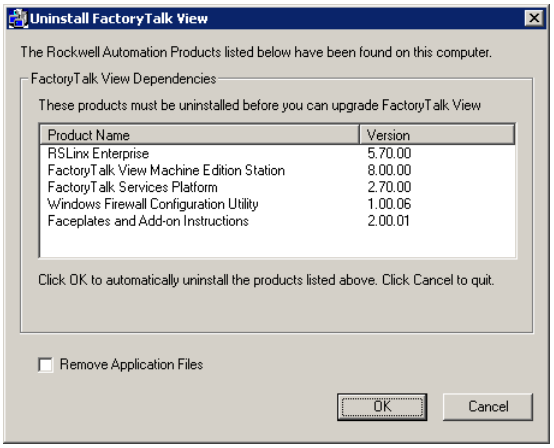
Uninstall FactoryTalk View Machine Edition software

FactoryTalk View Machine Edition 8.10.00 provides the Uninstall FactoryTalk View utility for uninstalling FactoryTalk View Machine Edition.

Note: To uninstall 7.00.00 and earlier versions of FactoryTalk View Machine Edition, perform the uninstallation from Windows Control Panel.

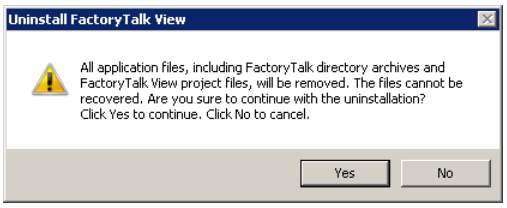
To uninstall FactoryTalk View and related software

1. Close all open Windows and FactoryTalk View programs.
2. Select **Start > All Programs > Rockwell Software > FactoryTalk View > Uninstall FactoryTalk View**. The **Uninstall FactoryTalk View** dialog box opens.



3. **Optional -** If you want to remove all application files, including FactoryTalk directory archives and FactoryTalk View project files, select the **Remove Application Files** check box. This check box is clear by default.

4. In the confirmation message dialog box, click **Yes**.


Uninstall FactoryTalk View
All application files, including FactoryTalk directory archives and FactoryTalk View project files, will be removed. The files cannot be recovered. Are you sure to continue with the uninstallation?
Click Yes to continue. Click No to cancel.
Yes
No

5. Click **OK** to start the uninstallation.

Run FactoryTalk View ME Station on PanelView Plus terminals

This chapter describes:

- System requirements
- Reinstall FactoryTalk View ME Station and related software
- Start FactoryTalk View ME Station and use sample applications

PanelView Plus terminal system requirements

To run FactoryTalk View ME Station on PanelView Plus 7, PanelView Plus 6, PanelView Plus, PanelView Plus Compact, and PanelView Plus CE industrial computers, the minimum requirements are:

Terminal type	Available Memory (RAM)	Available Flash Storage space	Operating System: Microsoft Windows CE
PanelView Plus and PanelView Plus CE	64 MB	32 MB	4.1
PanelView Plus 6 - 400 or 600	256 MB	512 MB	6.0
PanelView Plus 6 - 700 - 1500	512 MB	512 MB	6.0
PanelView Plus 7 Standard	512 MB	512 MB	6.0
PanelView Plus 7 Performance	512 MB	1 G	6.0

For more information, see the terminals' user manuals with the following publication numbers:

- **2711P-UM007** for PanelView Plus 7 terminals
- **2711P-UM006** for PanelView Plus 6 terminals
- **2711P-UM001** for PanelView Plus and PanelView Plus CE terminals

The user manuals include the information about installing, configuring, and programming a full range of terminals compatible with FactoryTalk View Machine Edition.

Install FactoryTalk View ME Station on PanelView Plus terminals

PanelView Plus 7, PanelView Plus 6, PanelView Plus, PanelView Plus Compact, and PanelView Plus CE terminals all come with FactoryTalk View ME Station already installed.

Start FactoryTalk View ME Station on PanelView Plus terminals

To start FactoryTalk View ME Station on PanelView Plus terminals manually

1. On the terminal desktop, double-click the **FTView ME Station** icon.
2. Locate MERuntime.exe in
   - **\Windows** on PanelView Plus 7 and PanelVeiw Plus 6 terminals
   - **\Storage Card\Rockwell Software\RSViewME** on PanelView Plus and PanelView Plus CE terminals
3. Double-click **MERuntime.exe**, and the **FactoryTalk View ME Station** dialog box opens.

You can also set up FactoryTalk View ME Station to start automatically and run a particular application when the PanelView Plus 7, PanelView Plus 6, PanelView Plus, PanelView Plus Compact, or PanelView Plus CE is turned on.

Run applications on PanelView Plus terminals

Before you can run an application on the PanelView Plus 7, PanelView Plus 6, PanelView Plus, PanelView Plus Compact, or PanelView Plus CE terminal, you must transfer it to the terminal.

For information about transferring applications to the PanelView Plus terminals and preparing to run them, see Transfer applications to a PanelView Plus terminal in the *FactoryTalk View Machine Edition User's Guide*.

Use sample applications on PanelView Plus terminals

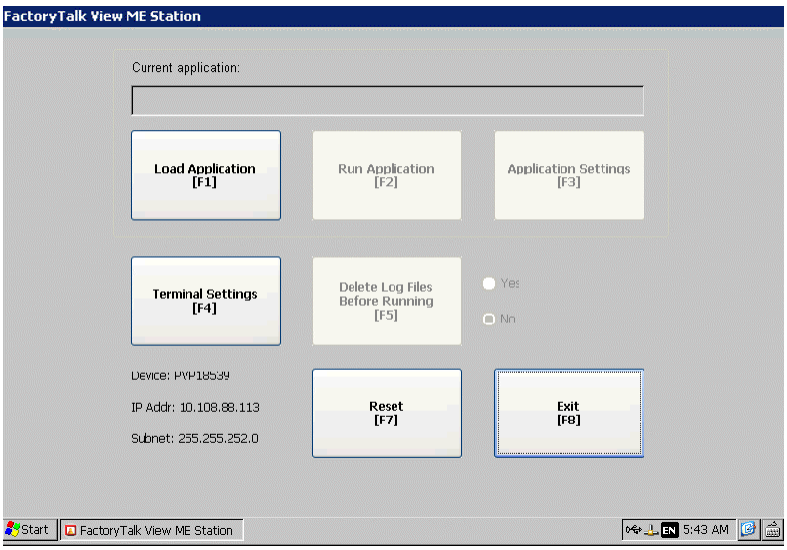
FactoryTalk View Studio for Machine Edition comes with sample applications that highlight features of the product.The sample applications are located at this path on the development computer (the computer on which FactoryTalk View Studio is installed):

- (Windows XP) **C:\Documents and Settings\All Users\Documents\RSView Enterprise\ME\HMI projects**
- (Windows Server 2012, Windows 8.1, Windows 8, Windows 7, and Windows Server 2008) **C:\Users\Public Documents\RSView Enterprise\ME\HMI projects**

HMI projects contains a folder for each sample application.

To run a sample runtime application on PanelView Plus terminals

1. Start FactoryTalk View Studio ME.
2. Open a sample application.
3. From the **Application** menu, select **Create Runtime Application**.
4. If desired, in the **File name** field, type a different name for the application file. The default file name is the same name as the development application.
5. In the **Save as type** field, select what version of ME Station the application will run on. The default setting is Runtime 8.0 application (*.mer).
6. In the **Conversion to development application** frame, select the conversion option. The default setting is **Always allow conversion**. If you select this option, the .mer file can always be used to generate an .med file.
7. Click **Save**.
8. Transfer the application's .mer file to the PanelView Plus 7, PanelView Plus 6, PanelView Plus, PanelView Plus Compact, or PanelView Plus CE terminal.
9. If not already open, start **FactoryTalk View ME Station**.



10. In the **FactoryTalk View ME Station** dialog box, click **Load Application.**

11. Select the sample application's .mer file, and then click **Load**.

12. To replace the terminal's current communication configuration with the application's communication configuration, click **Yes**. Click **No** to keep the terminal's current communication configuration.

    If you click **Yes**, the application's RSLinx Enterprise communication settings replace the settings that were on the terminal. You are warned that the new settings will overwrite the settings in the System folder.

13. To overwrite the existing settings, click **Yes**. To retain the existing settings, click **No**.

    The application name is shown in the **Current application** field in the **FactoryTalk View ME Station** dialog box.

14. To run the application, click **Run Application**.

Upgrade your terminal

If necessary, you can reinstall or upgrade FactoryTalk View ME Station on the PanelView Plus 7, PanelView Plus 6, PanelView Plus, PanelView Plus Compact, and PanelView Plus CE terminals using the Firmware Upgrade wizard. The wizard reinstalls FactoryTalk View ME Station and RSLinx Enterprise as well as other programs.

Note: To determine what is included in any firmware upgrade, refer to Answer ID 33326 (previously Tech Note #Q154160016) in the Rockwell Automation Knowledgebase.

Using the Firmware Upgrade wizard, you can:

- Create a firmware upgrade card that can be plugged into the terminal you are using.
- Update the firmware on a terminal (PanelView Plus 7, PanelView Plus 6, PanelView Plus, PanelView Plus Compact, or PanelView Plus CE) that is connected by a network to a personal computer.

To start the Firmware Upgrade Wizard

1. From the development computer's Windows **Start** menu, select **Programs > Rockwell Software > FactoryTalk View > Tools > ME Firmware Upgrade Wizard.**

2. The development computer is the computer, on which FactoryTalk View Studio is installed.

3. Follow the instructions in the wizard to reinstall or upgrade the firmware on your terminal.

4. For more information, see the Firmware Upgrade Wizard Help. Information about installing and using the Firmware Upgrade Wizard is also available in Answer ID 25776 (previously Tech Note #A53040474) in the Rockwell Automation Knowledgebase.

Run FactoryTalk View ME Station on a personal computer

This chapter describes:

- System requirements
- Install FactoryTalk View ME Station
- Start FactoryTalk View ME Station and use sample applications

Personal computer system requirements

To run FactoryTalk View Machine Edition Station, the recommended requirements are:

- **Personal computer** with an Intel Pentium 4 processor (2 GHz or faster processor recommended).
- **Memory (RAM).** 1 GB (or more) for 32-bit systems. A minimum of 2 GB required for 64-bit operating systems.
- **Hard disk space.** Minimum 1.5 GB.
- **Operating system.**

  Note: FactoryTalk View Studio is tested and supported on operating systems installed from original Microsoft media only. For operating systems installed by the computer vendor, see Knowledgebase article 26842.

Operating System	32-bit	64-bit
Windows Server 2012 R2 Datacenter Edition		X
Windows Server 2012 R2 Standard Edition		X
Windows Server 2012 Datacenter Edition		X
Windows Server 2012 Standard Edition		X
Windows 8.1 Enterprise Edition	X	X
Windows 8.1 Professional	X	X
Windows 8 Professional	X	X
Windows 8 Enterprise Edition	X	X
Windows 7 Ultimate with Service Pack 1		X
Windows 7 Enterprise Edition with Service Pack 1	X	X
Windows 7 Professional with Service Pack 1	X	X
Windows 7 Professional	X	X
Windows Server 2008 R2 Standard Edition		X

Windows Server 2008 R2 Enterprise Edition with Service Pack 1		X
Windows Server 2008 R2 Standard Edition with Service Pack 1		X
Windows Server 2008 Standard Edition with Service Pack 2	X	X
Windows XP Professional with Service Pack 3	X	

For the latest information regarding software platform support, refer to http://www.rockwellautomation.com/compatibility/#/scenarios.

Install FactoryTalk View ME Station on a personal computer

See Install, activate, and uninstall FactoryTalk View on a personal computer on page 17.

Start FactoryTalk View ME Station on a personal computer

To start FactoryTalk View ME Station on a personal computer manually, from the Windows **Start** menu, select **Programs** > **Rockwell Software** > **FactoryTalk View** > **FactoryTalk View ME Station.**

You can also set up FactoryTalk View ME Station to start automatically and run a particular application when Microsoft Windows starts.

Run applications on a personal computer

Before you can run an application on the computer, you must transfer the application .mer file to the computer.

Use sample applications on a personal computer

FactoryTalk View Studio for Machine Edition comes with sample applications that highlight features of the product.

The sample applications are located at this path on the development computer (the computer on which FactoryTalk View Studio is installed):

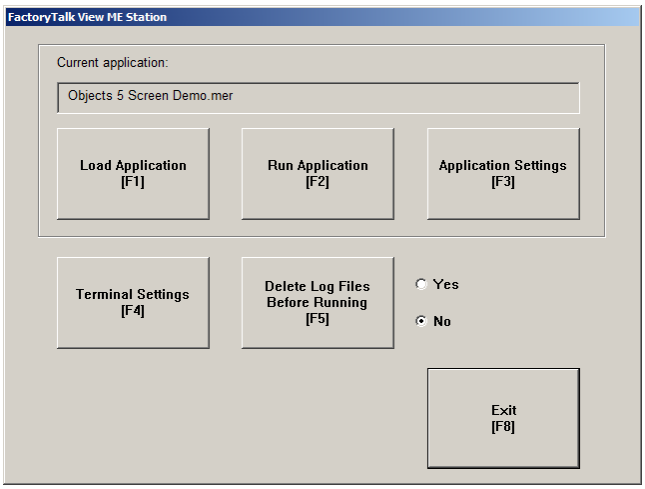
- (Windows XP) **\Documents and Settings\All Users\Documents\RSView Enterprise\ME\HMI projects**
- (Windows Server 2012, Windows 8.1, Windows 8, Windows 7, and Windows Server 2008) **\Users\Public\Public Documents\RSView Enterprise\ME\HMI projects**

HMI projects contains a folder for each sample application.

To run a sample runtime application on a personal computer

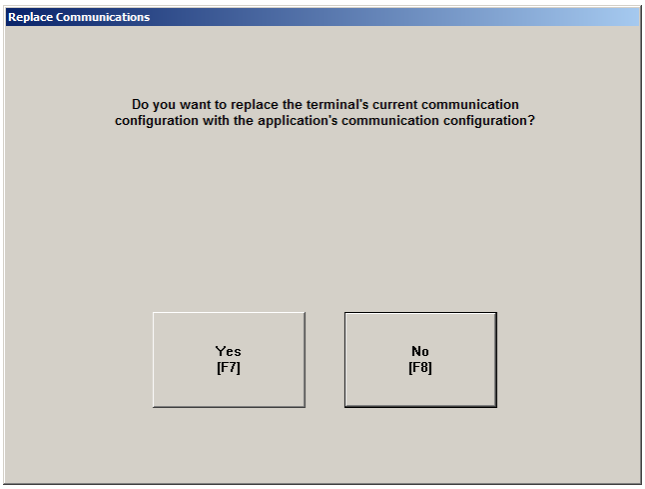
1. Start FactoryTalk View Studio ME.
2. Open a sample application.

3. From the **Application** menu, select **Create Runtime Application**.
4. If desired, in the **File name** field, type a different name for the application file. The default file name is the same name as the development application.
5. In the **Save as type** box, select what version of ME Station the application will run on. The default setting is Runtime 8.0 application (*.mer).
6. In the **Conversion to development application** field, select the conversion option. The default setting is **Always allow conversion**. If you select this option, the .mer file can always be used to generate an .med file.
7. Click **Save**.
8. Start FactoryTalk View ME Station.
9. In the **FactoryTalk View ME Station** dialog box, click **Load Application.**

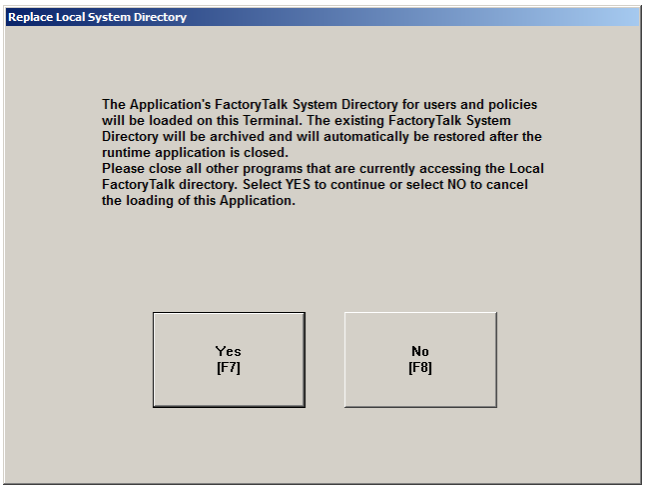


10. Select the sample application's .mer file, and then click **Open**.
11. To replace the computer's current communication configuration with the application's communication configuration, click **Yes**. To keep the current communication configuration, click **No**.

If you click **Yes**, the application's RSLinx Enterprise communication settings replace the settings that were on the computer. You are warned that the new settings will overwrite the settings in the System folder.


Replace Communications
Do you want to replace the terminal's current communication configuration with the application's communication configuration?
Yes [F7]
No [F8]

12. To load the application's system directory, click **Yes**. To retain the existing settings, click **No**.


Replace Local System Directory
The Application's FactoryTalk System Directory for users and policies will be loaded on this Terminal. The existing FactoryTalk System Directory will be archived and will automatically be restored after the runtime application is closed.
Please close all other programs that are currently accessing the Local FactoryTalk directory. Select YES to continue or select NO to cancel the loading of this Application.
Yes [F7]
No [F8]

You are notified that the application's FactoryTalk System Directory of users and security policies will be loaded on this computer. This is the set of users and policies that have been set up for the application and are contained in the .mer file.

The computer's existing FactoryTalk System Directory will be archived, and will be restored when you stop the application.

13. The application name is shown in the **Current application** field in the **FactoryTalk View ME Station** dialog box.

14. To run the application, click **Run Application**.

Rockwell Automation support

Rockwell Automation provides technical information on the web to assist you in using its products. At http://www.rockwellautomation.com/support http://www.rockwellautomation.com/support you can find technical and application notes, sample code, and links to software service packs. You can also visit our Support Center at https://rockwellautomation.custhelp.com https://rockwellautomation.custhelp.com for software updates, support chats and forums, technical information, FAQs, and to sign up for product notification updates.

In addition, we offer multiple support programs for installation, configuration, and troubleshooting. For more information, contact your local distributor or Rockwell Automation representative, or visit http://www.rockwellautomation.com/services/online-phone http://www.rockwellautomation.com/services/online-phone.

Installation assistance

If you experience a problem within the first 24 hours of installation, review the information that is contained in this manual. You can contact Customer Support for initial help in getting your product up and running.

United States or Canada	1.440.646.3434
Outside United States or Canada	Use the Worldwide Locator available at http://www.rockwellautomation.com/locations http://www.rockwellautomation.com/locations, or contact your local Rockwell Automation representative.

New product satisfaction return

Rockwell Automation tests all of its products to ensure that they are fully operational when shipped from the manufacturing facility. However, if your product is not functioning and needs to be returned, follow these procedures.

United States	Contact your distributor. You must provide a Customer Support case number (call the phone number above to obtain one) to your distributor to complete the return process.
Outside United States	Please contact your local Rockwell Automation representative for the return procedure.

Documentation feedback

Your comments will help us serve your documentation needs better. If you have any suggestions on how to improve this document, complete the feedback form, publication RA-DU002 http://literature.rockwellautomation.com/idc/groups/literature/documents/du/ra-du002_-en-e.pdf.

Rockwell Otomasyon Ticaret A.Ş., Kar Plaza İş Merkezi E Blok Kat:6 34752 İçerenköy, İstanbul, Tel: +90 (216) 5698400

www.rockwellautomation.com

Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444
Europe/Middle East/Africa: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640
Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

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